

and a composition ratio of said thermosetting resin is set to 10 to 40 wt.% of said complex;
3-15

an average particle diameter of said graphite powder is set to a range of 15 to 125 μm , and Same

a surface roughness of at least a portion contacting an electrode is set to a range of $R_a = 0.1$ to $0.5 \mu\text{m}$ as measured by a surface roughness meter having a probe of a diameter of $5 \mu\text{m}$.
no applicat
Cold mold
2-10 MPA
mold 20-50 MPA

7. (Twice Amended) A method of producing a separator for a fuel cell

a⁸ configured by molding a complex of graphite powder and thermosetting resin in

which composition the ratios are set to 60 to 90 wt. % of graphite powder, and 10 to 40 wt. % of a thermosetting resin, and an average particle diameter of said
85-97 3-10

graphite powder is set to a range of 15 to 125 μm , comprising the steps of:
Same

cold molding said complex into a shape similar to a final molded shape at a pressure of 2 to 10 MPA forming thereby a preliminary molded member;
Same

placing said preliminary molded member in a mold, to mold it into a final shape by applying a pressure of 10 to 100 MPa.
20-50

setting a surface roughness of at least a portion of said final molding member contacting an electrode to a range of $R_a = 0.1$ to $0.5 \mu\text{m}$ as measured by a surface roughness meter having a probe of a diameter of $5 \mu\text{m}$.
no applicat